

INTERLACING OF ZEROS OF WEAKLY HOLOMORPHIC MODULAR FORMS

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ABSTRACT. We prove that the zeros of a family of extremal modular forms interlace, settling a conjecture of Nozaki. Additionally, we show that the zeros of almost all forms in a basis for the space of weakly holomorphic modular forms of weight k for $SL_2(\mathbb{Z})$ interlace on most of the lower boundary of the fundamental domain.